## Department of Public Works and Transportation Montgomery County, Maryland

## **DIVISION OF SOLID WASTE SERVICES**



Our new beast grinds bigger logs



Gone in 59 seconds

## MONTHLY REPORT MARCH 2008

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## **OVERVIEW**

#### Tonnage at a Glance

The following table shows key material flows during the current month, fiscal year to date (FY Total), and the current calendar month in the two prior fiscal years. (County Fiscal Year 2008 began July 1, 2007.)

FACILITY	Mar FY08	FY08 Total	Mar FY07	Mar FY 06
Materials Recovery Facility <sup>(1)</sup>	6,788 tons	69,916 tons	8,262 tons	8,247 tons
Brunswick Landfill Facility <sup>(2)</sup>	18,589 tons	192,802 tons	22,682 tons	26,130 tons
Resource Recovery Facility <sup>(3)</sup>	47,402 tons	425,634 tons	47,906 tons	53,335 tons
Yard Trim Compost Facility	2,805 tons	57,016 tons	0 ton	2,064 tons

<sup>(1)</sup> MRF tons reported as outgoing

#### **Revenue Analysis and Systems Evaluation**

During March, program staff:

- Researched properties and entered billing changes into the database;
- Continued work on the Equity Enhancement Study for Task Order #25;
- Prepared monthly house counts for collection contractors;
- Processed vacancy refunds payable in March;
- Updated Access<sup>™</sup> databases and Excel<sup>™</sup> spreadsheets for monthly Refuse and Recycling Collection contractor reports;
- Continued routine research and correction of solid waste fee abnormalities as they emerge in the property tax database;
- Generated Hauler/Collector Credit Account invoices for March 2008 totaling \$1,345,411.13 (a decrease of \$20,286.23 below March 2007);
- Updated the Aging Report (30-day arrearage was \$0.00 as of April 7, 2008);
- Reconciled March 2008 tons to monies posted in FAMIS, as well as to the total dollars charged in Paradigm;
- Began compiling data for the CY07 Mass Balance (County-Wide Materials Flow Analysis);
- Continued to update and verify information in the Division of Solid Waste Services' (DSWS) Fixed Asset Database; and
- Continued review and analysis of the FY09 budget submission

<sup>(2)</sup> Refers to waste sent to the landfill for disposal (ash residue and nonprocessible waste). It does not include rubble and bulk natural wood waste that is recycled.

<sup>3)</sup> RRF tonnage refers to tons burned (processed). Waste shipped from the Transfer Station but not burned is in the pit and is not included in the tonnage presented here. These tonnages are preliminary, with adjustments made in the September and December monthly reports.

## **CITIZEN COMMITTEES**

<u>Dickerson Area Facilities Implementation Group (DAFIG)</u> – DAFIG held its regular monthly meeting on March 11, 2007 at the Gothic Barn in Dickerson. Twelve voting members and 4 County staff including the Director of DEP and the Solid Waste Division Chief were in attendance. Topics discussed included DAFIG meeting with the Executive, Draper Barn Update, Site 2 Ponds, and Ambient environmental monitoring update. The next meeting will be held on Tuesday, June 10, 2008, at the Gothic Barn in Dickerson.

<u>Solid Waste Advisory Committee (SWAC)</u> – SWAC held its regular monthly meeting on Tuesday, March 18, in the Executive Office Building Lobby Level Auditorium. Thirteen SWAC members, 10 County staff, and 1 guest were in attendance. County staff presented highlights of the County Executive's FY09 Recommended Operating Budget.

## **COLLECTIONS**

<u>News</u> – The residents of the North Sherwood Forest/Colesville Manor Estate neighborhood were mailed their letter and vote card on March 10, 2008. The last day for voting is May 10, 2008.

#### **Resident Missed Collection Complaints:**

March 2008	105
March 2007	124
Difference	-19

#### **Call Center:**

Calls received	4,635
E-mails received	1,642
Voicemails received	191
Bulk trash requests	1,690
Scrap metal requests	1,816
Blue bin requests	1,182
Blue cart requests	198

#### Public Outreach:

#### Survey Cards:

The Upcounty field staff and our Public Service Worker distributed 209 survey cards in March and received 10.0 percent of the cards back.

	Excellent	Good	Average	Fair	Poor
Recycling					
Programs	87%	7%	0%	3%	3%
County Staff					
	84%	16%	0%	0%	0%
Collection					
Contractors	79%	16%	5%	0%	0%

#### Comments from Survey Cards:

"The recycling and collection work have been superb. The men and women have been efficient, responsive to requests and in good humor."

"Our recycling friends are great and friendly. Chris (field staffer) was very helpful and professional! Good job!"

"Our inquiries by email got a same day answer, which is very impressive. County staff was courteous, efficient and smart. Contractors are doing their job well."

"County staff responded to my inquiries in a very polite and professional manner."

"Everyone on the trucks and in your offices that we have dealt with has been pleasant and helpful."

"County does a good job with all recycle/special pick-up programs. Love using the website."

"Excellent recycle program but would like to do more plastic types. Contractors rough on containers."

"Thank you for the new bin. Your recycling information takes up too much paper."

"Trash/recycling collectors are the worst. They are sloppy, rudely throw recycle bins crack them and leave them where they land when they toss them."

"Your contractor truck drivers and workers are sloppy and careless, although usually friendly. Few speak much English. Supervisor badly needed. The yellow plastic bucket for disabled is a great program."

"Why are recycling guidelines also in Spanish—this is America and English is our language—learn it or leave."

"Larger plastic bins for metals, plastics etc. (same size as paper—different color)?"

"How about adding the option of glass/metal/plastic bin w/ wheels like the paper bin, but a little smaller?"

"We need a place to recycle all plastic food containers, laundry soap bottles etc. You don't collect enough—I would like to recycle everything that has a recycling code."

"It is terrible that we cannot recycle so many plastic containers (with no necks). What a waste. Los Angeles does it and also lets you mix all recyclables together in one bin."

"Please expand curbside recycling program to include more plastics such as yogurt cups, microwave food trays, etc."

"Please recycle more items including wide-mouth plastic bottles. Why limit to narrow mouth?"

"It would be nice if you accepted plastic bags and plastic packaging materials otherwise—excellent. New cans/bottles container is heavy!"

"There are many items that are recyclable that the County does not accept. This is bad for our planet and should be changed. Accept more items!"

#### Website Survey:

For the month of March, 49 residents responded to our website survey. The following are percentages detailing resident satisfaction with our recycling programs, crews, and collections staff:

	Excellent	Good	Average	Fair	Poor
Recycling Programs	65%	29%	6%	0%	0%
County Staff	69%	25%	3%	3%	0%
Recycling Crews	48%	42%	10%	0%	0%

## • Comments from Website Surveys:

"We have been very pleased with the service. I recently requested a recycle bin and the response was immediate and very courteous."

"The website to order new recycling bins is brilliant! WOW, thanks for this service."

"I sent an email regarding a missing recycle cart. I received a very quick response— Thank You! The cart has magically reappeared and I would like to cancel the one that is ordered."

<sup>&</sup>quot;Your call takers and pick up crews are very professional."

"The stickers for grass clippings and brush do not stay on the standard plastic trash cans that I have purchased. They fall off within a few weeks because they are not sticky enough."

"I strongly support Montgomery County's recycling efforts and I think the guys do a great job. I recently lost my recycling container but it was a windy day, one of my neighbors probably picked it up by accident."

"Needed a new bin, ordering online is very convenient, thank you."

"Other than the fact that the crews sometimes mix up the bins by not returning them to the correct house, I believe the recycling program as a whole is well run and comprehensive. Others municipalities across the country could learn from this program. It would be helpful to be provided with information on how to dispose of electronics and paints, not sure what to do with these items. I would estimate that two-thirds of our trash is now recycled each week instead of all of it ending up in a landfill."

"I am concerned about recycling for apartment dwellers. There is little information available in my building, and I see many residents putting garbage into the recycling containers and vice versa. Also, there is some confusion among residents about issues like whether to put recyclables in plastic bags, or to leave them loose in the receptacles. Are there any steps being taken to increase recycling education in apartment buildings?"

"I still feel like I have to discard many items in the trash because they are not picked up for recycle. I would like to see a recycle pickup site for old electronic items—computers, printers, small electric appliances, etc."

#### **Enforcement Actions:**

No Notice of Violations or Citations were issued by Collections in the month of March.

#### **Beauty Spot Monitoring:**

Here is the summary of the activity in March:

	Number of	Attempted	Attempted	Attempted	Attempted
	Users Per	Non County	Yard Trim	Scrap Metal	Unacceptable
	Day	Users Per	Users Per	Users Per	Material Users
	-	Day	Day	Day	Per Day
Damascus	75	3%	3%	25%	3%
Poolesville	55	1%	3%	22%	4%

### Website:

The following is information gathered from the Montgomery County Solid Waste website through the month of March:

**Email List Memberships** 

Topic	Members	New Sign-Ups		
Holiday Reminder	12,966	269		
HHW Announcements	3,146	29		
Newsletter Helper	1,347	14		
Facility Updates	755	9		

#### Solid Waste Services Website

Unique Visitors	39,881
Page Loads	129,710

#### Live Chats

Live	44
Missed	16

### Most Popular Web Pages

wost ropular web rages
1. Transfer Station
2. How to recycle/dispose of
3. Latex Paint
4. Bulk Trash
5. Household Hazardous Waste
6. Curbside Recycling
7. Recycling Center
8. Scrap Metal
9. Trash Collections
10. Holidays

## **WASTE MINIMIZATION**

Product Recycled	Approximate weight recycled in March 2008 (tons)
Computers	75 tons
TVs	33 tons
Propane Tanks	1 ton
Textiles	10 tons
Construction Materials (Don't Dump – Donate)	6 tons
Vehicle Batteries	18 tons

## **HAZARDOUS WASTE PROGRAMS**

<u>Household Hazardous Waste (HHW) Collection</u> – We had 6,264 patrons and solidified 63 cubic yards of paint this month.

The Hazardous Waste program will receive a leadership award from the Rechargeable Battery Recycling Corporation (RBRC) for recycling over 6,000 pounds per year of rechargeable batteries in 2006 and 2007.

<u>Small Quantity Generator/ECOWISE Program</u> – There were nine ECOWISE participants this month.

### **WASTE REDUCTION**

**<u>Bicycle Recycling</u>** – "Bikes for the World" restored and shipped 1.52 tons of bikes in March to countries worldwide.

**<u>Paint Recycling</u>** – The Free Paint program gave away no paint this month.

<u>Straight Vegetable Oil (SVO) Recycling</u> – The SVO website to match people who have SVO powered vehicles with SVO generators is available. Please visit our site at www.montgomerycountymd.gov/veggieoil.

## AIR PERMITS AND ENVIRONMENTAL PROGRAMS

Resource Recovery Facility (RRF): CEMS Tracking of RRF Emissions – There were no instances of stack gas concentration exceeding permit limitations during March. Last month it was reported that on February 27, a HCL analyzer was not working due to a specialized part (a gold mirror) that had to be ordered. On March 4, the analyzer was repaired and back online; a total of 127 hours of downtime was recorded for the analyzer and the RRF remained in compliance of the data availability requirements.

<u>Oaks Landfill Air Emissions and Energy Recovery</u> – SCS Engineers, Inc. continues to conduct monthly gas sampling and analysis at the Oaks Landfill under an engineering services contract. Methane concentrations were sampled eight times (twice each day on March 20 and 22, and at both the blower inlet and flare inlet each day) and averaged 53.8 percent by volume. All same-day measurements were at least two hours apart. Gas flow rate, measured twice during March at the flare inlet (once each on March 20 and 22) averaged 970.5 scfm.

**TES Contract (Weather Station)** – All of the instrumentation worked normally in March. Data recovery for all parameters was 100% for the month. The total rainfall for the month was 2.91 inches.

### WASTE REDUCTION AND RECYCLING

Public Education and Outreach – DSWS is finalizing the spring issue of the Civic and Community Leader Newsletter that is expected to be mailed in early April. The issue highlights activities surrounding Earth Day. DSWS continues to work with the communities of Carderock Springs and Cabin John on the Scrap Metal Recycling Challenge which began on March 1 and continues through April 18. DSWS is measuring the amount of small scrap metal items recycled by the residents as well as tracking large scrap metal items that are scheduled for recycling collection at the curb. The Division has received numerous requests to participate in events to celebrate Earth Day activities in April. Planning is well underway to coordinate the Division's annual Earth Day celebration. This year's event will be held on Saturday, April 26 from 11am to 3pm in the parking lot of 850 Hungerford Drive in Rockville. Staff participated in the taping of Montgomery County Cable "Make a Difference" program and discussed the Earth Day celebration and how volunteers make a difference.

<u>On-Site Composting and Waste Reduction Activities</u> – The Division continues to schedule composting and grasscycling workshops for residents this spring. The workshops will provide participants with on-site demonstrations and information on how to compost and grasscycle. A mailer specifically designed to encourage residents to grasscycle their grass clippings during the upcoming mowing season will be mailed to all single-family households in mid-April. In March, a total of 164 compost bins were distributed to encourage residents to compost their leaves and grass clippings on-site.

**Recycling Investigations Unit** – Since the unit was established, 11,592 site visits and 1,915 formal investigations have been conducted. In March, 83 NOV's were issued for infringements against the recycling regulations and Chapter 48. Sixteen (16) citations were issued to businesses and multi-family properties for a variety of infractions including failing to recycle required materials, failing to provide and maintain approved containers for storage of solid waste to prevent overflow between collections, and failure to submit an annual recycling and waste reduction report by the reporting deadline.

Commercial Recycling and Waste Reduction – The SORRT Program conducted 830 on-site visits of businesses and participated in 13 educational events that reached 371 people in March. DSWS resolved 4 complaints, delivered 1,516 recycling bins to small businesses, and responded to 81 requests for information ranging from requests for educational materials to presentations for property managers, tenants, and employees. Annual Business Recycling and Waste Reduction Reports covering Calendar Year 2007 were due on February 1 for large businesses and March 1 for medium-sized businesses, selected small businesses and property owners of multi-tenant facilities. To date, DSWS has received 852 annual recycling reports with 7 businesses in violation of not submitting an annual report by the required deadline. Those businesses have been referred to the Recycling Investigations Unit for investigation. To ensure that the information submitted on the reports is accurate, staff continues to field verify the reports. The third issue of the quarterly SORRT Network Newsletter will be mailed out by mid April. Work is underway to collect data to update the recyclable material conversion table that is provided to

businesses to assist them in documenting and estimating the amount of materials they recycle.

Multi-Family Recycling and Waste Reduction – The TRRAC Program conducted 304 on-site visits to multi-family properties to monitor the status and progress of their recycling programs. Staff participated in 3 multi-family resident education events that reached 66 people, resolved 5 resident complaints, responded to 27 requests for information, and distributed 230 multi-family recycling bins. Multi-Family Annual Recycling and Waste Reduction Reports covering Calendar Year 2007 were due on February 1. To date, DSWS has received 558 reports with one property outstanding. This property has been referred to the Recycling Investigations Unit for investigation. To ensure that the information submitted on the reports is accurate, field verification of the reports continues. The TRRAC Program held a very successful Multi-Family Recycling and Waste Reduction seminar on Thursday, March 20 at the Bethesda Marriott. The seminar provided education to 69 multi-family property representatives on how to establish and maintain effective recycling programs in compliance with the recycling regulations. In addition, a guest speaker with the Institute of Scrap Recycling Industries, Inc. spoke regarding the recyclability, market situation and outlook for metals. In-dwelling unit recycling containers were distributed to approximately 1,000 units at nine selected properties participating in an engineering study to measure the effect of using different types of in-dwelling unit recycling containers on resident recycling participation at multi-family properties. Data collection for this study will resume in April.

<u>Mixed Paper Recycling</u> – Existing educational materials were distributed to residents at several events. Larger quantities of materials were also provided to homeowner associations and civic groups for their use and distribution. Staff is developing a mixed paper mailer that will be sent to single-family households later in the spring to provide a reminder of what types of paper are acceptable for recycling.

<u>Volunteer Activities</u> – One hundred and eighteen volunteers provided 160 hours of their time to support recycling activities in March. Two volunteer recycling block captains contributed a total of six hours of time to disseminate information to 165 residents in Bethesda and Silver Spring; 98 volunteers disseminated scrap metal recycling information to approximately 1,200 households in the Cabin John and Carderock Springs communities for the Scrap Metal Recycling Challenge; one volunteer provided two and a half hours of office assistance, and one volunteer contributed eight hours of time designing an Earth Day flyer for the Division's Earth Day celebration on April 26. The Recycling Volunteer Program recruited 36 new volunteers and 16 prospective volunteers in March. In addition, 47 volunteers participated in two recycling volunteer orientation sessions that were held on March 27 and 29. The spring edition of the Recycletter was mailed to 300 volunteers and 1,200 copies were distributed via the libraries.

## **PILOT PROGRAMS**

<u>Cooperative Collection/Alternative Collection</u> – The SORRT Program recently established a new Cooperative Collection Project on the North side of Mayor Lane in Silver Spring. Participating businesses for this new, additional project include three restaurants: Nicaro, Negril and Langano. Each of the participating businesses are sharing refuse and recycling collection containers. DSWS staff is monitoring the project site regularly. DSWS continues to monitor the Bethesda Cooperative Collection site and has gathered enough information to determine levels of generation for the new participating business which could potentially start participating in the project by the end of April. DSWS also continues to monitor the existing Silver Spring Cooperative Collection site as well to ensure that all participants are recycling properly.

<u>Multi-Family Recycling and Refuse Collection Project</u> – DSWS continues to monitor the five multi-family properties in Silver Spring and assist the property managers with improving their recycling programs and educating residents to ensure they recycle all of the required recyclable materials.

## **FACILITY ACTIVITIES**

**Resource Recovery Facility (RRF)** – The RRF processed a total of 47,402 tons, or 1,529 tons per day. Trash deliveries averaged 10,642 tons per week. The month began with only Unit #3 running. Unit #2 was returned to service on March 1, after repairs were made. On March 17, Unit #1 was returned to service as pit inventory was allowed to increase.

There were no OSHA recordable incidents this month.

There were no generation emergencies issued by PJM during this month. No power was purchased during the month.

There was no Code Orange or Code Red days forecasted during the month.

The following environmental activities occurred:

- Submitted the February 2008 Water Supply Monthly Operating Report to MDE.
- Submitted the 2007 Emissions and Compliance Certification Reports to MDE and EPA Region III.
- James Wagner of MDE performed a solid waste inspection on 3/7/08. His report indicated full compliance.
- Richard Wolters of MDE performed a routine NPDES inspection on 3/17/08. His report indicated full compliance.
- Notified MDE of the repair of the Unit#2 HCl stack analyzer.
- Notified MDE and submitted reports on the spills and cleanups on 3/12/08 and 3/21/08.

Materials Recovery Facility (MRF) – Approximately 1,644 tons of commingled material were shipped out and approximately 5,144 tons of mixed paper were loaded out and transferred to the Office Paper Systems, Inc. processing facility in March. The decrease in total tons relative to previous years is because the City of Rockville, the City of Gaithersburg and perhaps others are sending their mixed paper directly to paper recycling facilities instead of going through the transfer operation at the MRF. The hydraulic cylinder at the MRF was repaired on Baler #1. The sprinkler system contractor fixed a problem of unsteady air pressure in the storage shed's sprinkler system. The rotors were changed on the perforator. Netting was installed at the light sort station to prevent errant bottles from dropping to the processing system floor. There were 602 visitors to the Recycling Center in March, including approximately 40 members of the Industrial College of the Armed Forces.

<u>Oaks Landfill</u> – On behalf of the Northeast Maryland Waste Disposal Authority (NMWDA) and DSWS, SCS Engineers, Inc. (SCS) submitted the Permit to Construct Application to MDE on January 15 for the Landfill Gas-to-Energy project. SCS submitted a revised permit application on March 4 to respond to MDE comments regarding other stationary source emissions at the Landfill site. Purchase Orders for some equipment components have been released by SCS. A Public information meeting was advertised in the Gazette and is scheduled for April 9.

<u>Gude Landfill</u> – On behalf of NMWDA and DSWS, SCS Engineers, Inc. (SCS) submitted the Permit to Construct Application to MDE on January 15 for the Landfill Gas-to-Energy project. MDE deemed the permit application administratively complete on February 4. Purchase Orders for some equipment components have been released by SCS. A Public information meeting was advertised in the Gazette and is scheduled for April 23.

The revised storm water management design concept for the Gude Landfill Yard Trim Processing Facility was approved by the Department of Permitting Services on March 11. The project is proceeding with the 90 percent design submittal.

<u>Solid Waste Transfer Station</u> – Covanta shipped 45,005 tons of processible waste via rail from the Transfer Station to the RRF; 5,154 fewer tons than shipped in March, 2007.

The inbound radiation detectors had 11 alarms – 3 alarms involved a driver or passenger who had undergone recent medical tests and/or treatment involving radioactive isotopes and residual radiation, and 7 alarms identified as low levels of medical isotopes with short half-lives in trash. There was 1 false alarm.

<u>Transfer Station Enforcement</u> – Under Chapter 48 of the Montgomery County Code, a total of 55 enforcement actions were taken during the reporting period. The enforcement composition breakdown includes: 5 citations, 3 NOVs, and no verbal warnings were issued for non-compliance with County licensing provisions; 8 citations, no NOVs, and no verbal warnings were issued for expired or outdated collector's tags; 12 citations, 6 NOVs, and 1 verbal warning were issued for cardboard mixed with waste for disposal; 1 citation was issued for illegal dumping of solid waste; and 2 citations and 17 NOVs were issued for operating a collection vehicle without a tight-fitting cover.

<u>Site 2 Landfill Properties</u> – FMOS is almost complete with the work to breach the embankment of the two ponds scheduled for abandonment during FY08. Stone work repair was completed on the barn at 19815 Martinsburg Road.

<u>Yard Trim Compost Facility</u> – The facility received 2,805 tons of material for composting; there was no material received during the same period last year. No material was diverted to back-up composting facilities.

In March, 2,529 cubic yards of bulk LeafGro<sup>™</sup> were shipped to distributors. This compares with 2,216 cubic yards for the same period last year. There were 338 cubic yards of Linden Farm Humus sold; this compares with 973 cubic yards for the same period last year.

<u>Bagging Operation</u> – 26,650 bags were shipped to distributors. This compares with 32,420 bags shipped during the same period last year. (Each bag is 1.5 cubic feet weighing 45 lbs.)

In March, no 1-cubic foot bags were sold.

### **OUT-OF-COUNTY HAUL**

<u>Brunswick County, Virginia</u> – Approximately 13,331 tons of ash residue and 5,258 tons of nonprocessible waste were transported to the County's dedicated disposal cell at the Brunswick Waste Management Facility, Inc., Landfill in Brunswick County, Virginia.

<u>Tuscarora, Maryland</u> – No wood waste was shipped to Butler Tree Service in March, 2008. DSWS began processing large-diameter bulky wood waste at the Transfer Station in October 2007 instead of shipping it to outside contractors to be processed; this material is now recycled on-site.

<u>Laurel, Maryland</u> – No asphalt was shipped to The Recycling Center in Laurel, Maryland, for recycling in March.

# **GENERAL INFORMATION**

#### **Important Telephone Numbers**

General information on solid waste 240-777-6400

Customer Service 240-777-6410

Transfer Station 301-840-2370 (County Office)

301-590-1032 (Covanta) 301-330-2840 (MES)

Materials Recovery Facility 301-840-2701 (County Office)

301-417-1433 (MES)

Resource Recovery Facility 240-777-6494 (County Office)

301-916-3031 (Covanta)

Yard Trim Compost Facility 301-428-8185 (MES)

Internet for DSWS www.montgomerycountymd.gov/solidwaste

www.montgomerycountymd.gov/recycling

www.montgomerycountymd.gov/hazardouswaste

www.montgomerycountymd.gov/useitagain www.montgomerycountymd.gov/yardtrim www.montgomerycountymd.gov/veggieoil

Note: All comments, questions, and suggestions on the contents of this report should be addressed to:

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## SOLID WASTE FACTS IN A NUTSHELL

<b>TOPIC OR FACILITY</b>	
Latest Tonnage of Materials Recycled in a Fiscal Year in Montgomery County	528,187 (FY07)
Latest Recycling Rate Reported in	43.2% (FY07)
Montgomery County	
Recycling Goal	50% by December 2010
Resource Recovery Facility (RRF)	Permitted Capacity = 657,000 tons per calendar year (based on 5,500 BTU/lb waste)
Yard Trim Compost Facility	Under the Sugarloaf Settlement Agreement, operations are limited to receipt of 77,000 tons per fiscal year.  In FY07, 69,032 tons of yard trim were received at the Dickerson Facility.  (An additional 8,247 tons of yard trim received in FY07 were sent to back-up composting facilities, for a total of 77,279 tons received during the fiscal year.)
# Residences receiving trash collection by County contractors	89,902
# Residences receiving collection of recyclables in blue bins and yard trim collection	209,263
Term of out-of-county waste transportation and disposal contract with Brunswick Waste Management Facility, Inc.	June 19, 1997 through June 30, 2012 with an option for a five-year renewal. (Service started October 20, 1997.)

# **GLOSSARY OF ACRONYMS**

BTU British Thermal Unit

CEMS Continuous Emissions Monitoring System

DAFIG Dickerson Area Facilities Implementation Group

DSWS Division of Solid Waste Services

EPA United States Environmental Protection Agency

FMOS Facilities, Maintenance and Operations Section

FY Fiscal Year

HCL Hydrogen Chloride

HHW Household Hazardous Waste

MCPS Montgomery County Public Schools

MDE Maryland Department of Environment

MES Maryland Environmental Services

MRF Materials Recovery Facility

MSW Municipal Solid Waste

NMWDA Northeast Maryland Waste Disposal Authority

NOV Notice of Violation

OSHA Occupational Safety & Health Administration

PJM Pennsylvania-New-Jersey-Maryland Interconnection

RRF Resource Recovery Facility

SARA Superfund Amendments and Reauthorization Act

SCFM Standard cubic feet per minute

SCS SCS Engineers, Inc.

SORRT Smart Organizations Reduce and Recycle Tons

SWAC Solid Waste Advisory Committee

SVO Straight Vegetable Oil

TRRAC Think Reduce and Recycle at Apartments and Condominiums